



Transportation Commission

April 19, 2017



COMMISSION MINUTES: March 2017 Meeting

Agenda Item #1



Updates to Receive (Consent)

Agenda Item #2



Commission Updates

Agenda Item #3



Biennial Long Range Plan

Agenda Item #4

Background of Long Range Plan (LRP)

- Prioritized list of unfunded capital projects from studies and plans
- When projects receive funding, they move to the Capital Improvement Program (CIP)
- Traditionally updated annually with new projects from recently-completed studies and plans
- Projects rated based on specific evaluation measures reviewed by the Transportation Commission

Proposal to Move to Biennial Process

- Other regional bodies moving to 2-year planning cycle
 - MWCOG switching to biennial air quality conformity analysis
- Process typically lasts six months
 - A lot of Commissioners' and Staff time
 - Can be more productive in other areas
- Allows for time to develop longer list for 2-year ranking
- Transportation Commission continues to review projects coming off the list for funding through budget process and grant applications



North Potomac Yard Small Area Plan – PUBLIC HEARING





Agenda Item #5

ADVISORY GROUP WORK PLAN

DRAFT

NORTH POTOMAC YARD UPDATE ADVISORY GROUP WORK PLAN - REVISED

September 15, 2016

APRIL	2016 MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	2017 JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
						 Metro Station Subdivision Preparation								
April 18, 2016 1 KICK-OFF MEETING AG Roles & Responsibilities; History/Background; NPY Plan Components; Proposed Process & Timeline	May 16, 2016 2 Concept Review AG Meeting JBG Concept Presentation; Economics; Retail; Phasing	June 6, 2016 3 Concept Options Review AG Meeting Report, Review and Refine Design Workshop Concepts;	July 25, 2016 5 Concept Refinement AG Meeting FRAMEWORK STREETS	Aug 29, 2016 6 Concept Refinement AG Meeting FRAMEWORK OPEN SPACES	Open House Sep 19, 2016 7 Land Use, & Neighborhoods AG Meeting	Oct 17, 2016 8 Open Spaces & Sustainability AG Meeting Open Space Overview; Programming	Nov 21, 2016 9 Housing & Intro to Transportation AG Meeting	HAPPY HOLIDAYS	January 2017 10 Transportation AG Meeting Transportation Analysis Findings	February 2017 11 Transportation AG Meeting Traffic Calming Study Update; Finalize Transportation Recommendations	March 2017 12 Implementation & Working Draft AG Meeting Implementation; Phasing; Draft Plan	April 2017 14 Final Recommendations AG Meeting Final Comments and Recommendation Letter		
April 30, 2016  Precedent Bus Tour	May 17, 2016 Workshop & Open House Design Workshop; Planning Principles; Framework; Land Use; Open Space	June 27, 2016 4 Concept Options Refinement AG Meeting METRO ZONE									March 2017 13 Working Draft AG Meeting Draft Plan Amendments and Recommendations			
		 Working Group: Metro June 30, 2016	 Working Group: Framework Streets July 29, 2016											
														<div>PC/CC Public Hearing</div>



The Need for A Transportation Study

- Changes to the proposed roadway network
- Incorporate Route 1 / Oakville Triangle Corridor Plan land use and transportation recommendations
- South Potomac Yard mostly completed
- Metroway is now operational
- Updated mix and location of land uses, more specific development assumptions



Transportation Study Elements

Future Build

Build-out of NPY
Mitigation

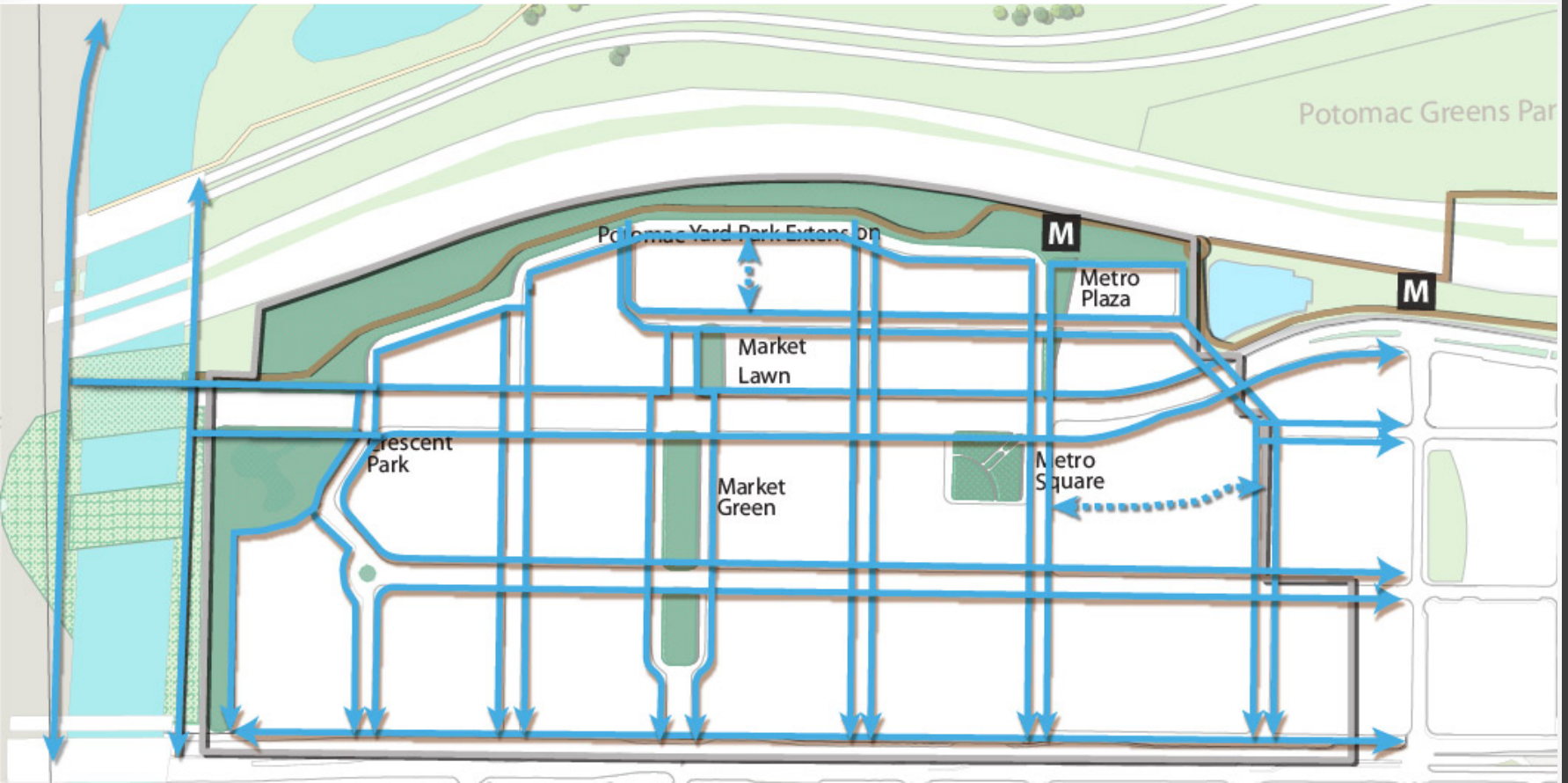
Future Background

Approved and Unbuilt Developments
Future Transportation Network Improvements
Regional Traffic Growth

EXISTING

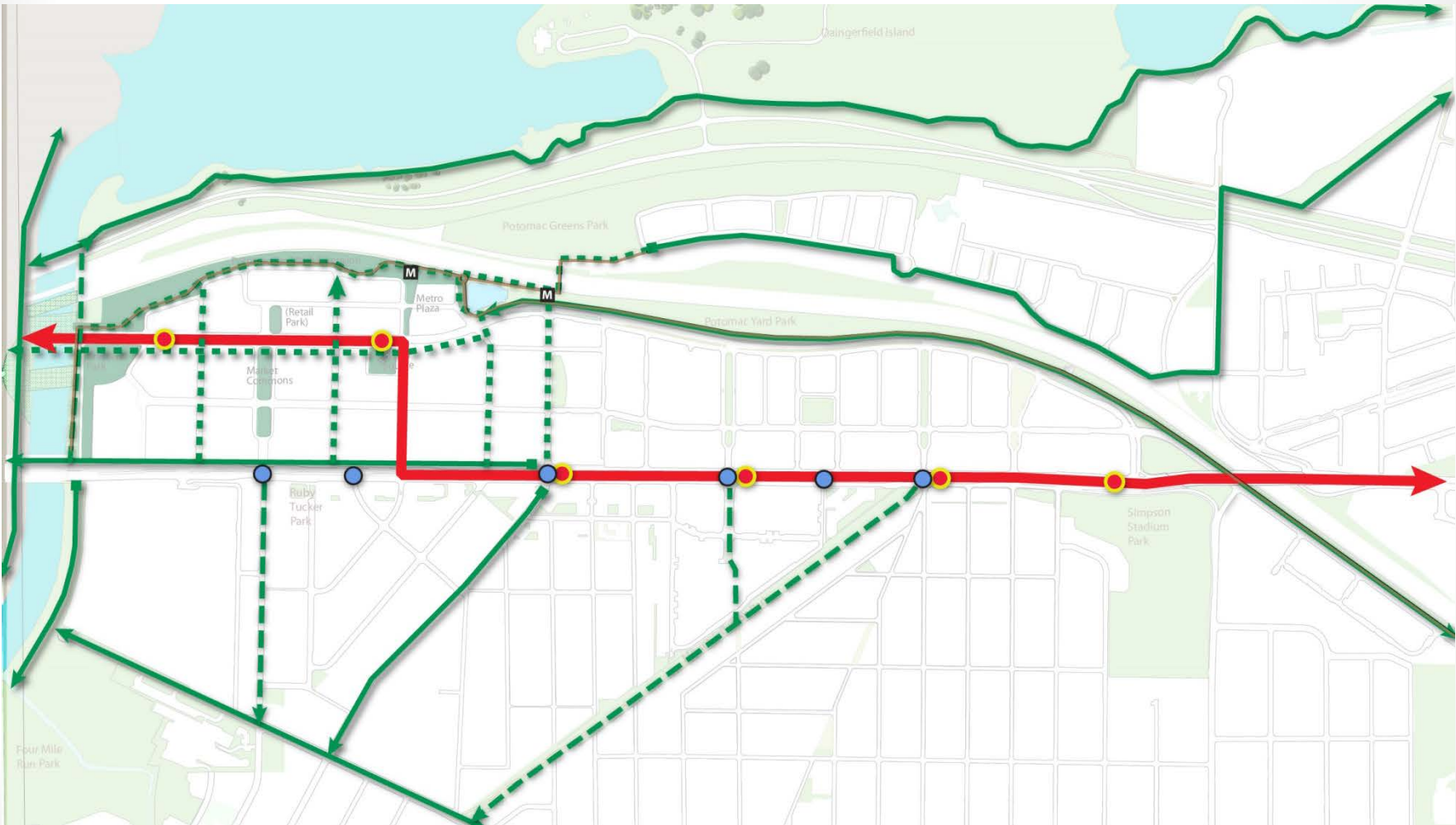
Existing Transportation Network

Pedestrian Connectivity



- Pedestrian Sidewalk/Crossing
- - - Midblock connection

Multimodal Connectivity



Metroway



Metroway Station



Existing Bicycle facility

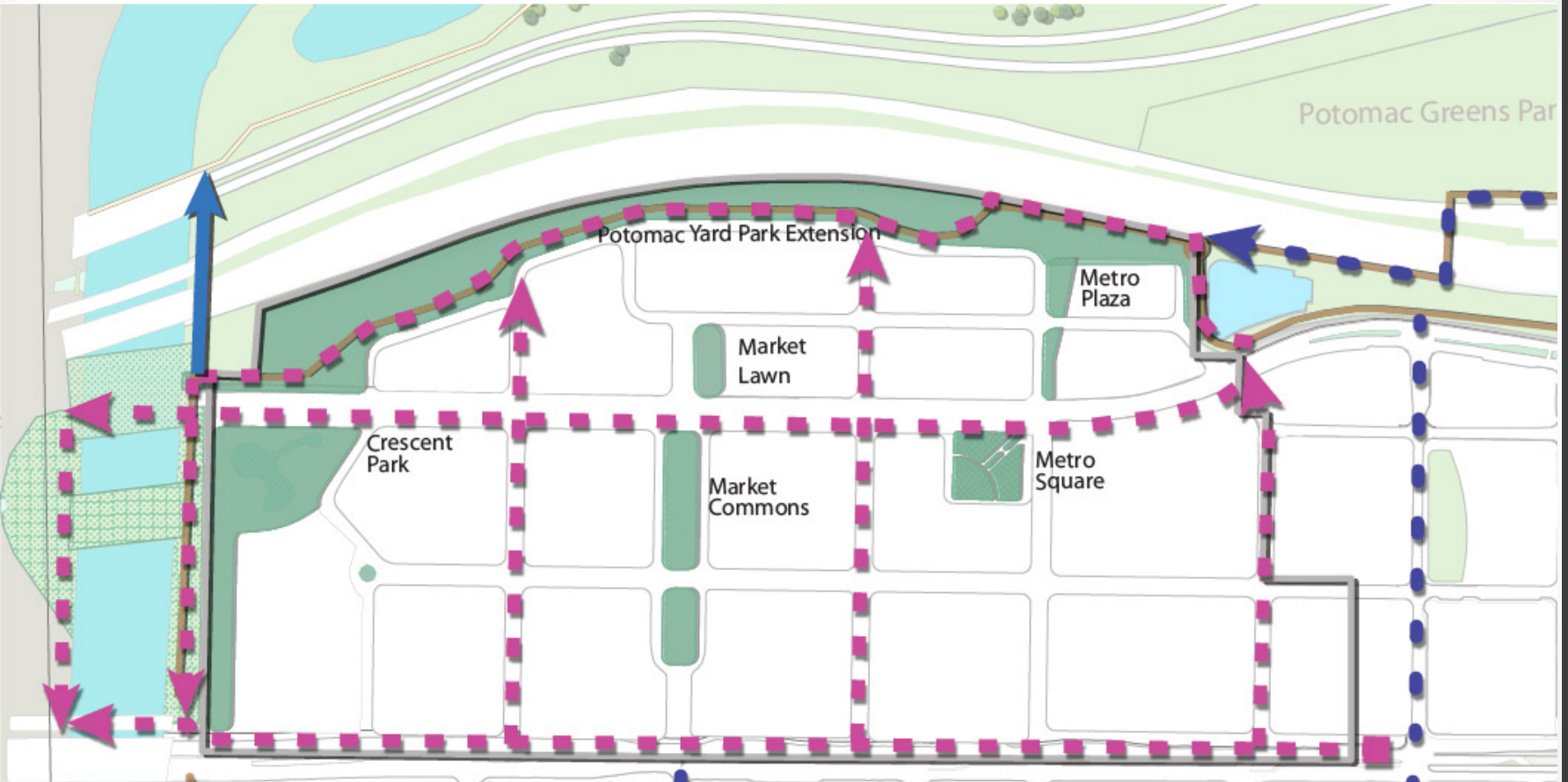


Planned Bicycle facility



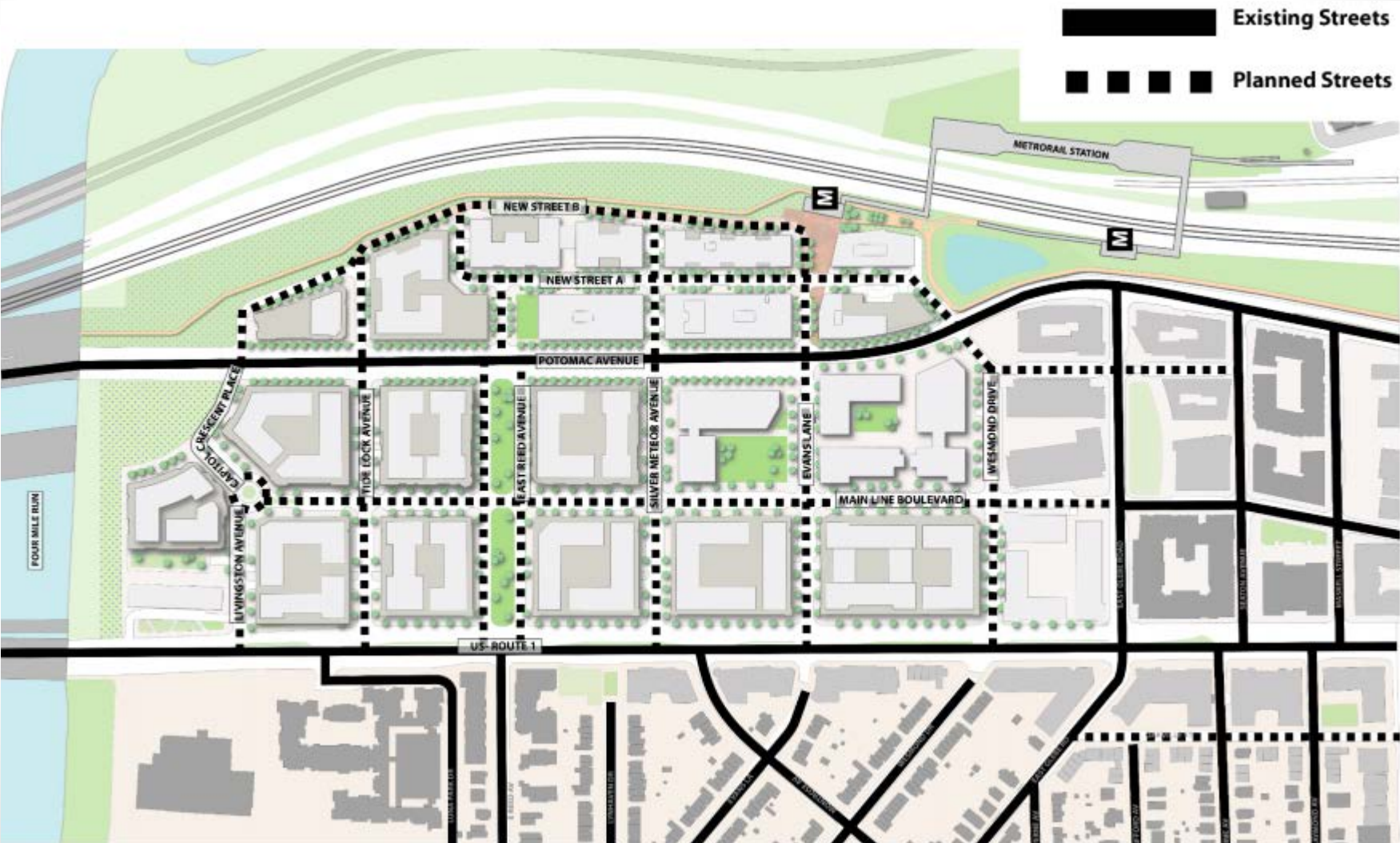
Planned Intersection Improvement

North Potomac Yard Bicycle Network



- Future Bike Route (NPY)
- Other Planned Bicycle Route
- Existing Bicycle Route

North Potomac Yard Street Network

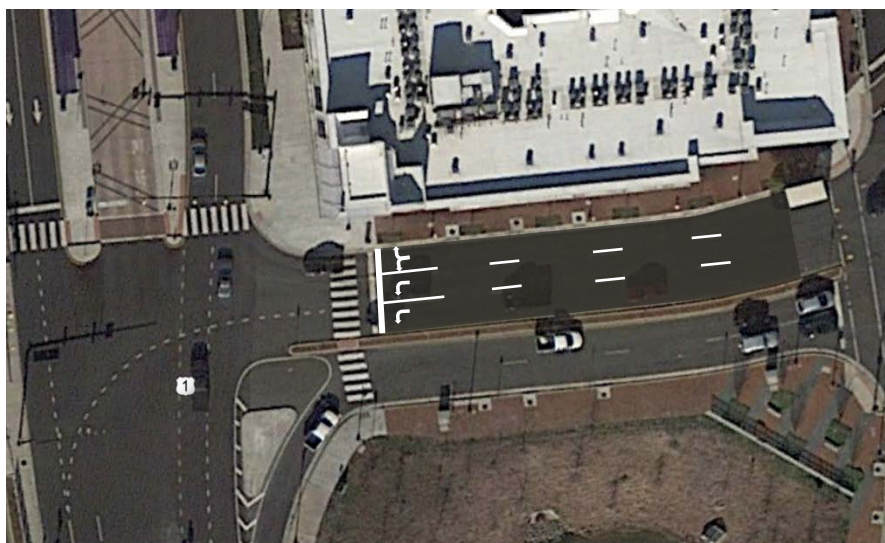
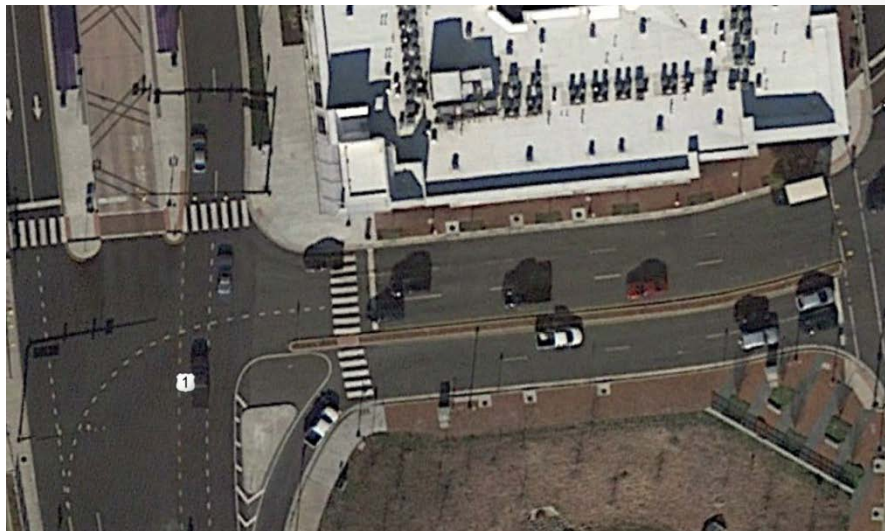


Transportation Analysis Summary

- Parameters
 - No further widening along US Route 1
 - No new left or right turn lanes on US Route 1
 - No additional median breaks along US Route 1
 - Desire to minimize the width of Potomac Avenue
- Results
 - Future analysis includes signal timing updates and also minor lane restriping at US 1 and Potomac Avenue
 - Negligible differences between the Old Plan and the New Plan
 - US Route 1 and Potomac Avenue function well as parallel corridors

Mitigation – US 1 & Potomac Ave

- Existing
 - Two left turn lanes and right turn lane
- Proposed
 - Convert right lane to shared left-right

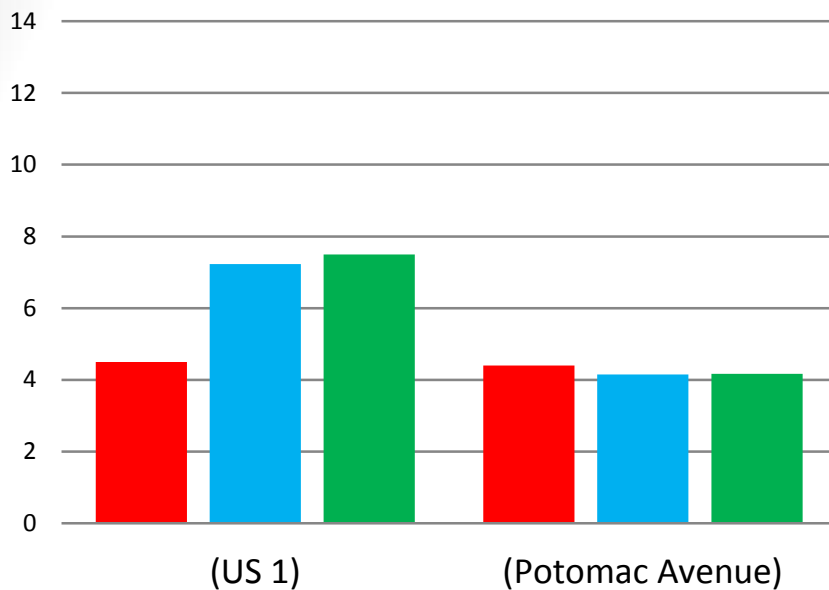




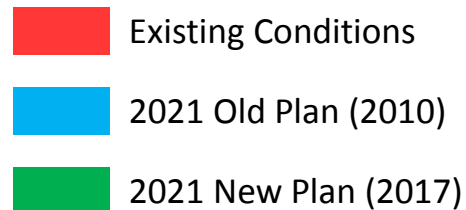
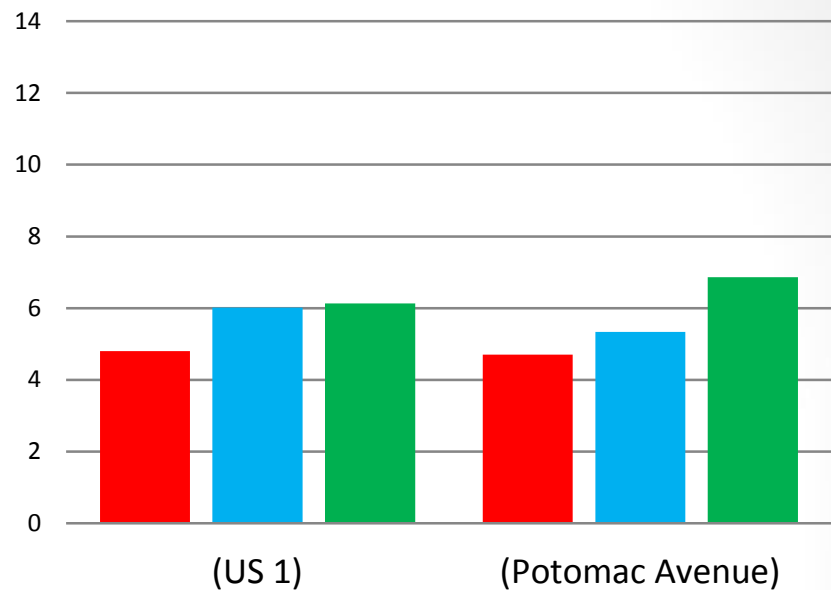
Transportation Analysis 2021 Results (Phase I)

Northbound AM Travel Time (minutes)

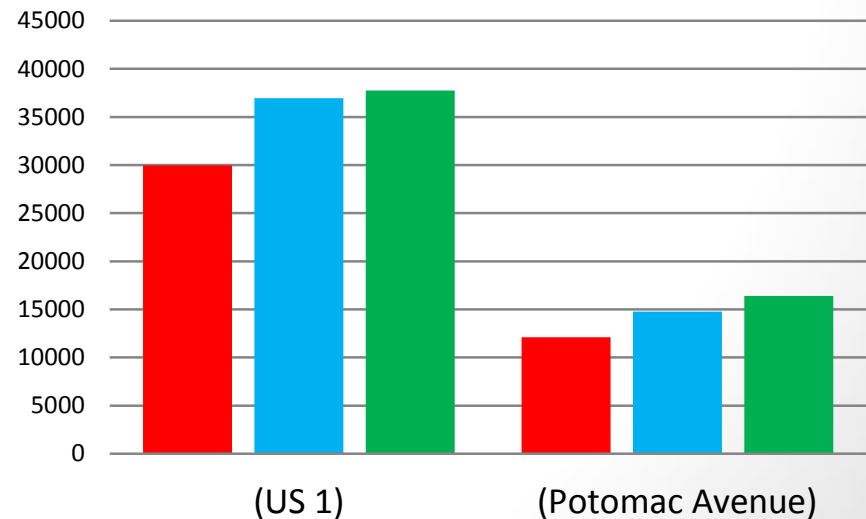
*Traffic Volume just north of E. Reed Avenue



Southbound PM Travel Time (minutes)



2-Way Daily Traffic Volume

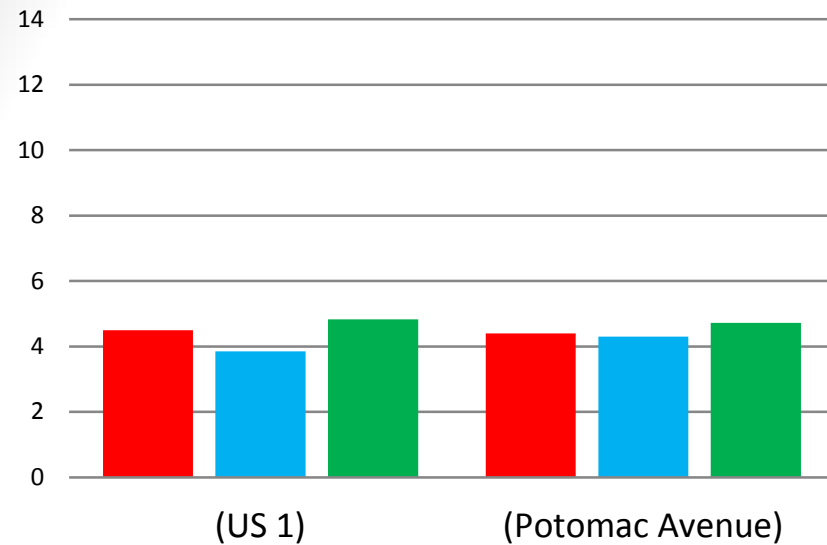




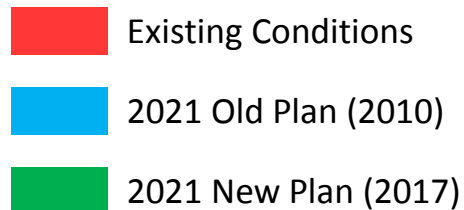
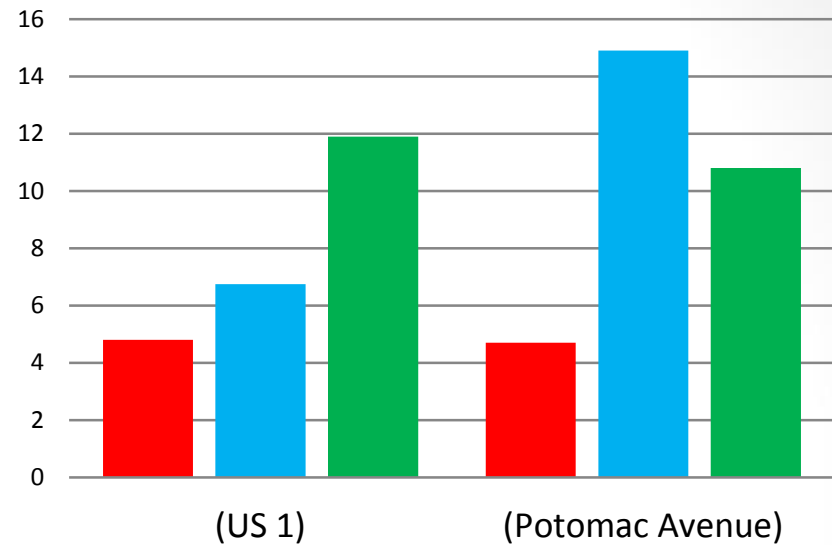
Transportation Analysis 2040 Results (Full Build-out)

Northbound AM Travel Time (minutes)

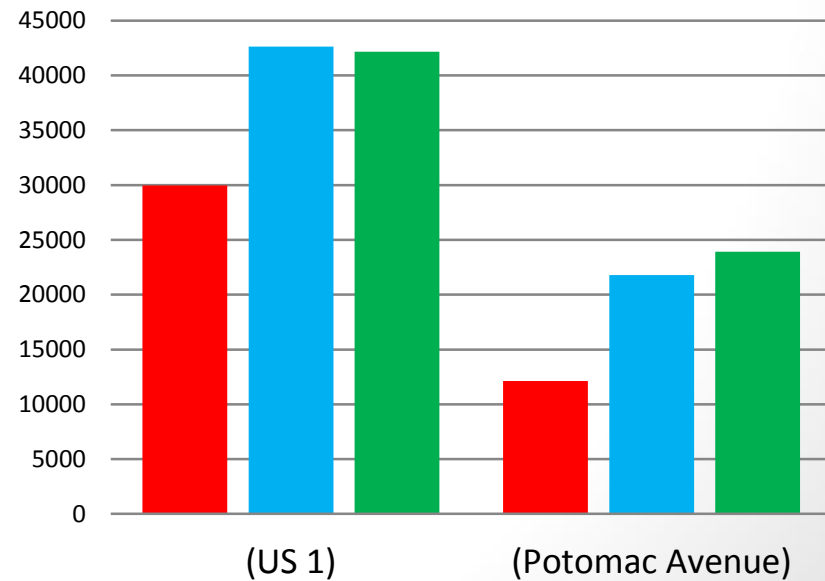
*Traffic Volume just north of E. Reed Avenue



Southbound PM Travel Time (minutes)



2-Way ADT Traffic Volume*



Updated Transportation Recommendations

Streets

6.5 Establishes design criteria for Potomac Ave; Phase I and Phase II

6.6 Establishes criteria for shared streets

Transit

6.10 Refines language to ensure multi-modal transportation connectivity

6.11 Updates language for Metroway ROW alignment

Bicycles

6.29 Requires provision of Bikeshare stations throughout Plan area

Next Steps

- April 26 - Final AG Meeting
- June – Planning Commission and Council Public Hearings – Master Plan Amendment

Commission Charge

The Transportation Commission is created to advocate and promote development of balanced transportation systems for the City through **oversight of the implementation of the transportation element of the City's Master Plan.**

Questions?



Other Business

Agenda Item #6